

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gilbreth et al.

Appl. No. 10/037,916

Filed: January 2, 2002

For: Method and System for Control of

Turbogenerator Power and

Temperature

Confirmation No. 7610

Art Unit:

2834

Examiner:

Ponomarenko, N.

Atty. Docket: 2066.0010002

(Capstone Reference No. 0483)

Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a

foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.

- □ 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.
 - □ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - □ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
 - □ c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$ in payment of the fee under 37 C.F.R. § 1.17(p).

- □ 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p); in addition:
 - □ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - □ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- □ 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.
- ☐ 6. A concise explanation of the relevance of the non-English language document(s) appears below:
- Zopies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. 09/207,817, filed December 8, 1998, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Virgil L. Beaston

for Applicants

Registration No. 47,415

Date:

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				U.	S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCU		DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA1	2,864,2		12/1958	Prachar				
	AB1	3,124,9		3/1964	Smith				
	AC1	3,250,9		5/1966	Dawson				
	AD1	3,569,8		3/1971	Comer				
	AE1	3,591,8		7/1971	Schonebeck				
	AF1	3,703,0		11/1972	Hagemeister				
	AG1	3,724,		4/1973	Bryant				
	AH1	3,764,		10/1973	Habock et al.				
	Al1	3,809,		5/1974	Kilgore et al.				
	AJ1	3,829,		8/1974	Studtmann				
	AK1	3,937,	***	2/1976	Lafuze				
	LANI	3,337,	314		EIGN PATENT DOCUMENTS			<u> </u>	
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	AL1	36343	28	4/1987	DE			Ye N	
	AM1	19704	662	8/1998	DE			Ye N	
	AN1	0 472	294	2/1992	EP			Ye N	
	AO1	0 679	800	11/1995	EP			Y€ N	
	AP1	0 837	231	4/1998	EP			Ye N	
				OTHER (Including	g Author, Title, Date, Pertinent Pages, etc.				
	AR	1	Japanese P Serial No. 1		n entitled "Turbogenerator/Motor Contr	ol System"; filed	l May 13, 1999,	Japanese	
	AS	1	Japanese P	Japanese Patent Application entitled "Command and Control System and Method for Multiple Turbogeners filed October 27, 1999, Japanese Serial No. 305375/1999.					
	АТ	1	Japanese Patent Application entitled "Turbogenerator/Motor Controller", filed August 4, 1998, Japanese Seria No.220231/1998.						
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INFORMATION DISCLOSURE STATEMENT

APPLICANT Gilbreth et al.

FILING DATE January 2, 2002

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				FILING DATE January 2, 2002	GROUP	2834	
			U.S	S. PATENT DOCUMENTS			
EXAMINER NITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA2	3,991,357	11/1976	Kaminski			
	AB2	4,005,581	2/1977	Aanstad			
	AC2	4,015,187	3/1977	Sasaki et al.		<u> </u>	
	AD2	4,039,914	8/1977	Steigerwald et al.		ļ	<u> </u>
	AE2	4,093,869	6/1978	Hoffmann et al.		<u> </u>	ļ
	AF2	4,119,861	10/1978	Gocho			
	AG2	4,258,424	3/1981	Giras et al.		ļ	
	AH2	4,265,099	5/1981	Johnson et al.		ļ	
	Al2	4,292,534	9/1981	Diegel et al.			ļ
	AJ2	4,340,820	7/1982	Meyer-Pittroff et al.			
	AK2	4,401,938	8/1983	Cronin		<u> </u>	<u> </u>
			FORE	IGN PATENT DOCUMENTS			
EXAMINER NITIAL	ļ	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATI ON
	AL2	0 901 218	3/1999	EP			Ye N
	AM2	1453862	4/1965	FR			Ye
	AN2	2395316	1/1979	FR JP			Ye N
	AO2	52-60924	5/1977				
	AP2	WO 94/27359	11/1994	WO			Ye
			OTHER (Including	Author, Title, Date, Pertinent Pa	ges, etc.)		
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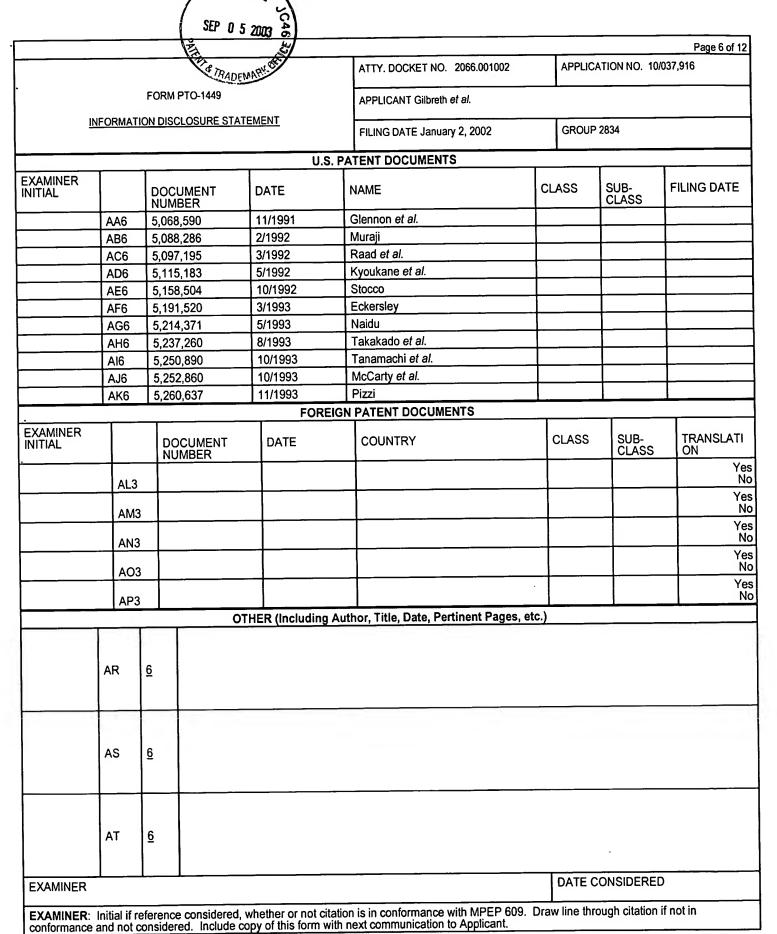


Page 3 of 12 ATTY, DOCKET NO. 2066.001002 APPLICATION NO. 10/037,916 **FORM PTO-1449** APPLICANT Gilbreth et al. INFORMATION DISCLOSURE STATEMENT **GROUP 2834** FILING DATE January 2, 2002 **U.S. PATENT DOCUMENTS** EXAMINER INITIAL DOCUMENT DATE NAME **CLASS** SUB-FILING DATE NUMBER CLASS AA3 4,442,385 4/1984 Van Sickle AB3 4,471,229 9/1984 Plohn et al. AC3 4,481,459 11/1984 Mehl et al. AD3 4,498,551 2/1985 Arbisi AE3 4,551,980 11/1985 Bronicki AF3 4,560,364 12/1985 Cohen 4,565,957 1/1986 AG3 Gary et al. AH3 4,684,814 8/1987 Radomski AI3 4,709,318 11/1987 Gephart et al. AJ3 4,719,550 1/1988 Powell et al. AK3 4,730,397 3/1988 Weiford et al. FOREIGN PATENT DOCUMENTS **EXAMINER** INITIAL DOCUMENT NUMBER DATE COUNTRY **CLASS** SUB-TRANSLATI **CLASS** WO 98/25014 6/1998 WO Yes AL3 No WO 99/32762 7/1999 WO Yes AM3 No WO 99/52193 10/1999 WO Yes AN3 No WO 00/28191 5/2000 WO Yes AO3 No Yes AP3 No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 3 AS <u>3</u> AT 3 **EXAMINER DATE CONSIDERED EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

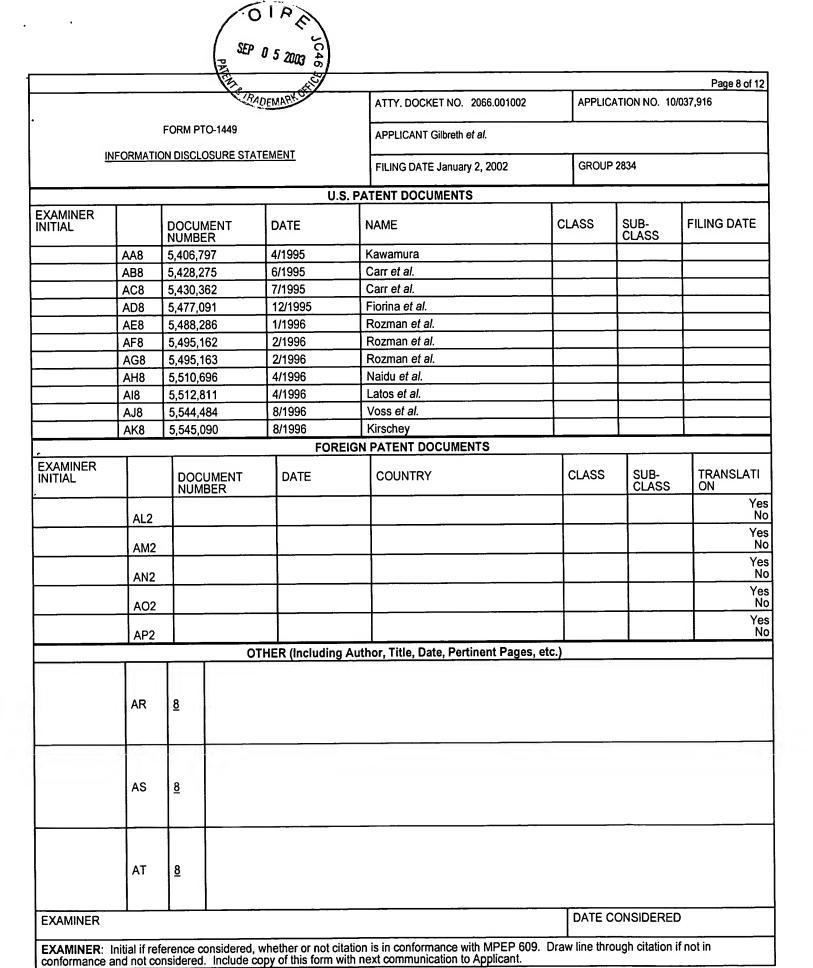


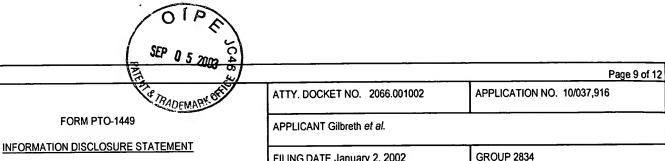
Page 4 of 12 ATTY. DOCKET NO. 2066.001002 APPLICATION NO. 10/037,916 **FORM PTO-1449** APPLICANT Gilbreth et al. INFORMATION DISCLOSURE STATEMENT **GROUP 2834** FILING DATE January 2, 2002 **U.S. PATENT DOCUMENTS** EXAMINER INITIAL **FILING DATE** SUB-**CLASS** DATE NAME **DOCUMENT** CLASS NUMBER Mackay 4.754.607 7/1988 AA4 Kawamura et al. 7/1988 AB4 4,757,686 Glennon et al. 9/1988 AC4 4,772,802 11/1988 Cook AD4 4,786,852 Heidrich 2/1989 AE4 4,802,882 5/1989 Raad et al. AF4 4,830,412 Kawamura et al. 5/1989 AG4 4,833,887 6/1989 Okada et al. AH4 4,841,216 King Al4 4,862,009 8/1989 11/1989 Lakey et al. 4,883,973 AJ4 3/1990 Cook et al. AK4 4,908,565 **FOREIGN PATENT DOCUMENTS** EXAMINER INITIAL SUB-CLASS **CLASS** TRANSLATI COUNTRY DATE DOCUMENT NUMBER Yes No AL1 Yes No AM1 Yes No AN1 Yes No A01 Yes No AP1 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 4 AS 4 AT 4 DATE CONSIDERED **EXAMINER EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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			U.	S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
-	AA5	4,939,441	7/1990	Dhyanchand			
	AB5	4,955,199	9/1990	Kawamura			<u> </u>
	AC5	4,967,096	10/1990	Diemer et al.			ļ
	AD5	4,968,926	11/1990	Dhyanchand			1
	AE5	4,982,569	1/1991	Bronicki			
	AF5	5,013,929	5/1991	Dhyanchand			
	AG5	5,015,941	5/1991	Dhyanchand			
	AH5	5,029,062	7/1991	Capel			
	AI5	5,038,566	8/1991	Hara			
	AJ5	5,055,764	10/1991	Rozman et al.			
	AK5	5,057,763	10/1991	Torii <i>et al</i> .			
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			U.S	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA7	5,281,905	1/1994	Dhyanchand et al.			
	AB7	5,291,106	3/1994	Murty et al.			
	AC7	5,309,081	5/1994	Shah et al.			
	AD7	5,325,043	6/1994	Parro			
	AE7	5,345,154	9/1994	King			
, , , , , , , , , , , , , , , , , , , 	AF7	5,363,032	11/1994	Hanson et al.			
	AG7	5,364,309	11/1994	Heidrich et al.			
	AH7	5,373,195	12/1994	De Doncker et al.			
	AI7	5,381,081	1/1995	Radun			
-	AJ7	5,387,859	2/1995	Murugan et al.			
	AK7	5,404,092	4/1995	Gegner			
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XAMINER NITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
4	AA9	5,546,742	8/1996	Shekhawat et al.			
_	AB9	5,550,410	8/1996	Titus			
	AC9	5,550,455	8/1996	Baker			
	AD9	5,559,421	9/1996	Miyakawa			
	AE9	5,563,802	10/1996	Plahn et al.			
	AF9	5,568,023	10/1996	Grayer et al.			
	AG9	5,572,108	11/1996	Windes			
	AH9	5,581,168	12/1996	Rozman et al.			
	Al9	5,587,647	12/1996	Bansal et al.			
	AJ9	5,594,322	1/1997	Rozman et al.			
	AK9	5,637,987	6/1997	Fattic et al.			
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		FORM PTO-1449		APPLICANT Gilbreth et al.			
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			U.S	. PATENT DOCUMENTS	<u> </u>		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA10	5,646,458	7/1997	Bowyer et al.			
	AB10	5,656,915	8/1997	Eaves			
	AC10	5,743,227	4/1998	Jacquet et al.			
	AD10	5,767,637	6/1998	Lansberry			
	AE10	5,789,881	8/1998	Egami et al.			
	AF10	5,799,484	9/1998	Nims			
	AG10	5,819,524	10/1998	Bosley et al.			
	AH10	5,847,522	12/1998	Barba			
	Al10	5,903,116	5/1999	Geis et al.			
	AJ10	5,905,346	5/1999	Yamada et al.			
	AK10	5,929,537	7/1999	Glennon			
			FORE	IGN PATENT DOCUMENTS			
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Page 11 of 12 ATTY, DOCKET NO. 2066,001002 **APPLICATION NO. 10/037,916** FORM PTO-1449 APPLICANT Gilbreth et al. INFORMATION DISCLOSURE STATEMENT GROUP 2834 FILING DATE January 2, 2002 **U.S. PATENT DOCUMENTS** EXAMINER INITIAL CLASS SUB-CLASS **FILING DATE DOCUMENT** DATE NAME NUMBER **AA11** 5,936,312 8/1999 Koide et al. Sakai et al. AB11 5,939,794 8/1999 AC11 8/1999 Bruce 5,946,086 Levran et al. AD11 5,982,645 11/1999 Steffan AE11 12/1999 5,998,976 Sasaki et al. AF11 6,005,297 12/1999 2/2000 AG11 6,020,713 Geis et al. Gilbreth et al. AH11 6,023,135 2/2000 6,031,294 2/2000 Geis et al. **AI11** Arai et al. AJ11 6,051,951 4/2000 AK11 6,054,776 4/2000 Sumi **FOREIGN PATENT DOCUMENTS** EXAMINER INITIAL TRANSLATI DOCUMENT NUMBER COUNTRY **CLASS** SUB-DATE CLASS ON Yes AL2 No Yes No AM2 Yes No AN2 Yes No AO2 Yes AP2 No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 11 AS <u>11</u> AT <u>11</u> DATE CONSIDERED **EXAMINER EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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ATTY. DOCKET NO. 2066.001002

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APPLICANT Gilbreth et al.

INFORMATION DISCLOSURE STATEMENT

FILING DATE January 2, 2002

GROUP 2834

			U	S. PATENT DOCUMENTS		_	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA12	6,064,122	5/2000	McConnell			
	AB12	6,087,734	7/2000	Maeda et al.			
	AC12	6,107,775	8/2000	Rice et al.			1
	AD12	6,147,414	11/2000	McConnell et al.			
	AE12	6,153,942	11/2000	Roseman et al.			
	AF12	6,169,332 B1	1/2001	Taylor et al.			
	AG12	6,169,334 B1	1/2001	Edelman			
	AH12	6,175,210 B1	1/2001	Schwartz et al.			
	Al12	6,194,794 B1	2/2001	Lampe et al.			
	AJ12	6,093,975	7/2000	Peticolas			
	AK12						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATI ON
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.